**AMENDMENTS TO THE CLAIMS:**

**This listing of claims will replace all prior versions, and listing, of claims in the application:**

**LISTING OF CLAIMS**

1-2. (Canceled).

3. (Previously Presented) A multi-service-class definition type switch according to claim 4, wherein the data processing device performs processing regarding reception, transmission and analysis on data regarding a service class, a buffer number and a request type, so that reading and setting of the data can be made with respect to a prescribed buffer selected from the buffer section in response to a result of the processing.

4. (Previously Presented) A multi-service-class definition type switch comprising:

a buffer device which comprises a buffer section having a plurality of buffers and a cell reading section for reading data from the buffer section;

a data input/output device which comprises a data input section for inputting data from an external source, a data output section for outputting the data, and a first data transceiver section for performing reception and transmission with respect to the data;

a data processing device which comprises a second data transceiver for performing reception and transmission of data in connection with the first data transceiver section, a data analysis section for analyzing the data received from the second data transceiver section, and a data reading/setting section;

wherein the data input/output device is capable of inputting and outputting data regarding a service class of a buffer, comprising at least one of a service category and a QOS class, and

wherein the data processing device is capable of adding and storing new data regarding at least one of a new service category and a new QOS class.

5-11. (Canceled).

12. (Previously Presented) A multi-service-class definition switch according to claim 4, wherein the switch is an ATM switch.

13-17. (Canceled).

18. (New) A service class defining method for defining a service class of at least one of a plurality of buffers provided within a switch, comprising:

inputting a buffer number by a user; and

inputting a request type by the user, wherein the request type comprises at least one of a data setting mode, a data reading mode, a data addition mode and a data deletion mode,

wherein, when the inputted request type comprises the data setting mode, a service category or a quality of service is input by the user, and

wherein the service category or quality of service input by the user is set to a buffer corresponding to the buffer number input by the user.

19. (New) A service class defining method as set forth in claim 18, further comprising:

displaying on a graphical user interface at least one of the buffer number input by the user and the service category or quality of service set to the buffer corresponding to the buffer number input by the user.

20. (New) A service class defining method as set forth in claim 18, wherein the switch is an ATM switch.

21. (New) A service class defining method for defining a service class of at least one of a plurality of buffers provided within a switch, comprising:

inputting a buffer number by a user; and

inputting a request type by the user, wherein the request type comprises at least one of a data setting mode, a data reading mode, a data addition mode and a data deletion mode,

wherein, when the inputted request type comprises the data reading mode, a service category or a quality of service is read from a buffer corresponding to the buffer number input by the user.

22. (New) A service class defining method as set forth in claim 21, further comprising:

displaying on a graphical user interface at least one of the buffer number input by the user and the service category or quality of service read from the buffer corresponding to the buffer number input by the user.

23. (New) A service class defining method as set forth in claim 21, wherein the switch is an ATM switch.

24. (New) A service class defining method for defining a service class of at least one of a plurality of buffers provided within a switch, comprising:

inputting a request type by a user, wherein the request type comprises at least one of a data setting mode, a data reading mode, a data addition mode and a data deletion mode,

wherein, when the inputted request type comprises the data addition mode, a new service category or a quality of service is input by the user;

storing at least one of the new service category or quality of service input by the user in a storage section; and

displaying on a graphical user interface a status of the new service category or quality of service input by the user.

25. (New) A service class defining method as set forth in claim 24, wherein the switch is an ATM switch.

26. (New) A service class defining method for defining a service class of at least one of a plurality of buffers provided within a switch, comprising:

inputting a request type by a user, wherein the request type comprises at least one of a data setting mode, a data reading mode, a data addition mode and a data deletion mode,

wherein, when the inputted request type comprises the data deletion mode, a service category or a quality of service to be deleted is input by the user;

deleting from a storage section at least one of the service category or quality of service input by the user; and

displaying on a graphical user interface a status of the service category or quality of service to be deleted input by the user.

27. (New) A service class defining method as set forth in claim 26, wherein the switch is an ATM switch.

28. (New) A multi-service-class definition type switch according to claim 4, wherein the data input/output device comprises a graphical user interface that displays at least one of the new service category and new QOS class.